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accordance with an image subject extraction result by the image subject extraction processing unit of a precedent stage.

9. A device for extracting a specified image subject, comprising:

a plurality of stages of image subject extraction parallel processing units, each image subject extraction parallel processing unit for implementing a plurality of specified image subject extracting algorithms in each stage of said plurality of stages by means of parallel processing; and

a control unit for managing respective image subject extraction states of said plurality of specified image subject extracting algorithms in each stage by said each image subject extraction parallel processing unit of said image subject extraction parallel processing units and qualifying respective extraction processing conditions of said plurality of specified image subject extracting algorithms in a subsequent stage of an image subject extraction parallel processing unit according to the respective image subject extraction states by the precedent stage of the image extraction parallel processing unit.

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14. The device for extracting the specified image subject according to claim 9, wherein said image subject extraction parallel processing unit implements said plurality of specified image subject extracting algorithms with different combination in each stage of said plurality of stages by means of parallel processing.

performing image subject extraction processing by a specified image subject extracting algorithm or algorithms for each extraction area;

performing weighting of degree of certainty as a specified image subject based on an aggregation value of the vote within a section area for aggregation in said N-dimensional space.

16. The method of extracting the specified image subject according to claim 15, wherein said image subject extraction processing by said specified image subject extracting algorithm or algorithms is performed through dividing it into a plurality of stages; and

said image subject extraction processing in a subsequent stage is preferentially applied to an extraction area in which said aggregation value in the voting space of said image characteristic quantity exceeds a predetermined value.

17. The method of extracting the specified image subject according to claim 15, wherein said specified image subject extraction processing by said specified image subject extracting algorithm or algorithms is performed through dividing it into a plurality of stages; and said image subject extraction processing in a subsequent stage is preferentially applied to an extraction area corresponding to said section area for aggregation within a preferential frame in the voting space of said image characteristic quantity.

18. The method of extracting the specified image

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22. The device for extracting the specified image subject according to claim 21, wherein said image subject extraction processing unit performs the image subject extraction processing in a plurality of divided stages and applies the image subject extraction processing in a subsequent stage preferentially to an extraction area in which said aggregation value in the voting space of said image characteristic value exceeds a predetermined value.

23. The device for extracting the specified image subject according to claim 21, wherein said image subject extraction processing unit performs the image subject extraction processing through dividing it into a plurality of stages, and applies the image subject extraction

24. The device for extracting the specified image according to claim 21, wherein a combination of a plurality of image characteristic quantities selected from the group consisting of a position, size, direction or orientation of an extraction area, and a posture, density or color tint of an image subject is used as the N-dimensional space of said image characteristic quantity.

25. The device for extracting the specified image according to claim 21, wherein said weighting processing unit applies weighting value lowering processing to a region within a predetermined area on a specific characteristic axis with respect to a neighborhood of the region, in which said aggregation value became large, in said N-dimensional characteristic stage.

26. The device for extracting the specified image subject according to claim 25, wherein application of said weighting value lowering processing is processing to remove

a remarkably large size or a remarkably small size from
extraction data.

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